



ACS INC.

ADVANCED COMBUSTION SYSTEMS
ADVANCED CONTROL SYSTEMS
Divisions of ACS, INC.

1999 ALPINE WAY • BELLINGHAM, WA 98226

PHONE: (360) 676-6005 • FAX: (360) 647-9439

Waste Classification Incinerator Institute of America

- Type 0** **Trash** - a mixture of highly combustible waste such as paper, cardboard, cartons, wood boxes, and combustible floor sweepings, from commercial and industrial activities. The mixtures contain up to 10% by weight of plastic bags, coated paper, laminated paper, treated corrugated cardboard, oily rags and plastic or rubber scraps.
- This type of waste contains *10% moisture, 5% incombustible solids* and has a heating value of *8500 B.T.U. per pound as fired. 8-10 pcf.*
- Type 1** **Rubbish** - a mixture of combustible waste such as paper, cardboard, cartons, wood scraps, foliage and combustible floor sweepings, from domestic, commercial and industrial activities. The mixture contains up to 20% by weight of restaurant or cafeteria waste, but contains little or no treated papers, plastic or rubber wastes.
- This type of waste contains *25% moisture, 10% incombustible solids*, and has a heating value of *6500 B.T.U. per pound as Fired. 8-10 pcf.*
- Type 2** **Refuse** - consisting of an approximately even mixture of rubbish and garbage by weight.
- This type of waste is common to apartment and residential occupancy consisting of up to *50% moisture, 7% incombustible solids*, and has a heating value of *4300 B.T.U. per pound as fired. 15-20 pcf.*
- Type 3** **Garbage** - consisting of animal and vegetable wastes from restaurants, cafeterias, hotels, hospitals, markets, and like installations.
- This type of waste contains up to *70% moisture*, up to *5% incombustible solids*, and has a heating value of *2500 B.T.U. per pound as fired. 30-35 pcf.*
- Type 4** **Pathological Waste** - Human and animal remains, consisting of carcasses, organs and solid organic wastes from hospitals, laboratories, abattoirs, animal pounds, and similar sources, consisting of up to *85% moisture, 5% incombustible solids*, and having a heating value of *1000 B.T.U. per pound as fired. 45-55 pcf.*
- Type 5** **Non-Solid By-product Waste** - gaseous, liquid or semi-liquid, such as tar, paints, solvents, sludge, fumes, etc., from industrial operations. *B.T.U. values and density must be determined by an ACS approved survey of waste to be destroyed. Consult factory.*
- Type 6** **Solid By-Product Waste** - rubber, plastics, wood waste, etc. from industrial operations. *B.T.U. values and density must be determined by an ACS approved survey of waste to be destroyed. Consult factory*

